City of Albuquerque
Information Technology Services Division
Data Management

Data.cabq.gov Core Metadata Requirements

Contact Information

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What Does this Dataset Describe?

Dataset Title	Open Trails GIS
Short Description	Data on the Extent, attributes and use of the trail systems located in and around the City of Albuquerque
Full Non-Technical Description	
The Open Trail System Specification (OpenTrails) provides a uniform "exchange format" for publishing machine readable data on the extent, attributes, and use of our nation's trail systems. For more information on the project please see: https://docs.google.com/document/d/1KF8KAio-SqGHhh9oFY_KjfwIi3PePOHg7KfTSPh27fc/edit	

How Should this Dataset be Cited?

http://data.cabq.gov/community/opentrails/named_trails.csv
http://data.cabq.gov/community/opentrails/stewards.csv
http://data.cabq.gov/community/opentrails/trail_segments.geojson

Does the Dataset Reflect a Particular Time Period?

Start Date	Current
End Date	Current
Dataset Refresh Interval	As needed
Dataset Expiration Date	NA
Dataset Review Date	NA
Comments	

Dataset Definition/Format

Please refer to **Open Trail System Specification (OpenTrails) v1.1** for more information on the dataset definition and format.

named_trails.csv – See Section 2 The Specification – Specification Table III: named_trails.csv at **Open Trail System Specification (OpenTrails) v1.1** for more information.		
field name	data type	description
name	string	The publicly advertised name of the trail, as shown on materials oriented towards visitors.
segment_ids	a string-encoded, semi-colon delimited array of “id” values from trail_segments.geojson	An array of ids corresponding to those segments from which the Named Trail is composed. This field is required, but may have a null value.
id	string	A unique identifier assigned by the data producer.
description	string	This is the primary field for narrative descriptions of a Named Trail, and the experience or features a visitor might expect to encounter.
part_of	a string-encoded, semi-colon delimited array of named_trail.csv “id” values.	This field allows for data contributors to indicate a relationship between Named Trails. The primary anticipated use case is to indicate that a trail serves a leg in a larger trail system or regional trail, which is

		present in the named_trails.csv file, but which cannot be completely described (because it is beyond the scope of the data producer) —and therefore is included without any segment_ids. Thus, this is an array of named_trail "id" values. This is really for description purposes, rather than display purposes.
stewards.csv – See Section 2 The Specification – Specification Table I: stewards.csv at **Open Trail System Specification (OpenTrails) v1.1** for more information.		
field name	data type	description
name	string	Name of agency or organization responsible for trail maintenance, regulation, and safety.
id	string	A unique ID for this land steward organization.
url	string	HTTP link to information about the steward organization.
phone	string	A phone number that can be provided to the visiting public so they may solicit assistance and report problems.
address	string	The primary street address at which visitors can find assistance from park staff in person.
publisher	string-encoded boolean	Is this steward the publisher and point of contact of this data? "yes" or "no"
license	string	HTTP link to information about the license and appropriate use of data associated with this steward.
trail_segments.geojson – See Section 2 The Specification – Specification Table II: trail_segments.geojson at **Open Trail System Specification (OpenTrails) v1.1** for more information.		
field_name	data type	description
id	string	A unique identifier assigned by the data producer. The "Named Trails" described in named_trails.csv are constructed with arrays of trail segments, identified via this field.
steward_id	string matching a	id of agency or organization responsible for trail

	value in the “id” field of stewards.csv	maintenance, regulation, and safety. These values are defined in stewards.csv.
foot	string-encoded boolean	A strongly recommended determination of appropriate visitor use of this segment. Value: “yes” or “no”
bicycle	string-encoded boolean	A strongly recommended determination of appropriate visitor use of this segment. Value: “yes” or “no”
horse	string-encoded boolean	A strongly recommended determination of appropriate visitor use of this segment. Value: “yes” or “no”
ski	string-encoded boolean	A strongly recommended determination of appropriate visitor use of this segment. Value: “yes” or “no”
wheelchair	string-encoded boolean	A strongly recommended determination of appropriate visitor use of this segment. Value: “yes” or “no”
motor_vehicles	string-encoded boolean	A judgement as to the appropriate use of OHV, ATVs, and snowmobiles on this trail segment. Value: “yes” or “no”
osm_tags	a string-encoded, semi-colon delimited array of OSM-compliant tags and values.	This field is designed to incorporate a fungible number of key-value pairs to further describe features. OpenTrails recommends using pre-defined sets of OpenStreetMap tags for this purpose, defined in the appendices. ex. (“surface=dirt; width=5”) Please see Appendix I: Recommended osm_tags for trail_segments.geojson

Dataset Technical Description

Please refer to **Open Trail System Specification (OpenTrails) v1.1**for more information on the dataset Technical Description.

Projection: Web Mercator

GeoJSON

GeoJSON is the format for OpenTrails compliant spatial data. The GeoJSON file end in .geojson and contain a GeoJSON Feature Collection of MultiLineString Features. Each feature has a “geometry” object in addition to other attributes defined within the “properties” object.. See the GeoJSON spec or the Wikipedia GeoJSON entry for more info and examples.

Please refer to http://www.json.org/ for general information on the JSON file format.
The specific attributes described in the trail_segments.geojson definition above are unique to the trail_segments.geojson file.

CSV Formatting

All files not containing geodata are provided in a simple, comma-separated value format (.csv). The CSV format described herein conforms to two additional formatting conventions. The first is the presence of headers for identifying column names. Secondly, CSVs use string-encoding to capture arrays of semicolon-delimited values.

Dataset Assumptions

None

Who Produced the Dataset?

The Department of Technology and Innovation (DTI) assists Parks and Recreation with configuring City data for the Open Trail System Specification

GIS Web Team
Department of Technology and Innovation (DTI)
Email: gis@cabq.gov

Who Manages the Data?

City of Albuquerque, Department of Parks and Recreation

Why was the Dataset Created?

This data is intended to provide overview information about Albuquerque trails. This "meta" information provides a uniform “exchange format” for publishing machine readable data on the

extent, attributes, and use of trails. See http://www.codeforamerica.org/specifications/trails/ for more information.

How was the Dataset Created?

The data is manually aggregated by the GIS group from data provided by Parks and Recreation.

What Similar or Related Data Should the User be Aware of?

Bike Paths
http://data.cabq.gov/community/bikepaths/BikePaths.kmz

Neighborhoods
http://data.cabq.gov/community/neighborhoods/NeighborhoodAssociations.kmz

Open Space
http://data.cabq.gov/community/openspace/CityOpenSpace.kmz
http://data.cabq.gov/community/openspace/OpenSpaceFoothillsTrails.kmz

Parks
http://data.cabq.gov/community/parksandrec/parks/CityParks.kmz

Police Beats
http://data.cabq.gov/publicsafety/policebeats/APD_BCSO_Beats.kmz

Transit Scheduled Route
http://data.cabq.gov/transit/realtime/route/allroutes.kml

http://data.cabq.gov/transit/realtime/route/routeX.kml
Where X is the route number between 1 and 9.

http://data.cabq.gov/transit/realtime/route/routeXX.kml
Where XX is the route number between 10 and 99

http://data.cabq.gov/transit/realtime/route/routeXXX.kml
Where XXX is the route number between 100 and 999.

http://data.cabq.gov/transit/realtime/route/routeXXXX.kml
Where XXXX is the route number between 1000 and 9999.

Bus Location and Direction

http://data.cabq.gov/transit/realtime/
Where you have folders for: image, route, trace.

Building Permits
http://data.cabq.gov/business/buildingpermits/BuildingPermit.kmz

FEMA Exemptions Certificates
http://data.cabq.gov/FEMA/FEMA_exemptions_CABQ.kmz

How Reliable are the Data?

Good; not updated frequently

How Well Have the Observations Been Checked?

Verified by the providing department

Are there Legal Restrictions on the Access or Use of the Data?

None

Legal Disclaimer

The City's standard copyright, disclaimers and legal statements may be found at http://www.cabq.gov/about/legal. The City data policy governing data.cabq.gov may be found at http://data.cabq.gov/policy/.